

Converting Colors

XYZ(46.8203, 52.9096, 47.6507)

Have a look what the booklet for
XYZ(46.8203, 52.9096, 47.6507)
contains.

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Color

**XYZ(46.8976, 52.9336,
47.7898)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C5AE
RGB	182, 197, 174
RGB Percent	71%, 77%, 68%
CMY	0.2863, 0.2274, 0.3176
CMYK	0.08, 0.00, 0.12, 0.23
HSL	99°, 17%, 73%
HSV	99°, 12%, 77%
XYZ	46.8976, 52.9336, 47.7898
YIQ	189.8930, -1.5570, -10.3330

Conversions

Conversions Part 2

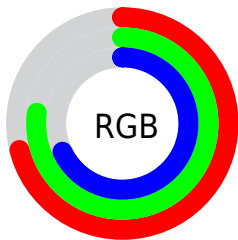
Format	Color
RYB	174, 197, 189
Decimal	11978158
CIELab	77.84, -9.36, 9.79
CIELCh	78, 13.550, 133.716
Yxy	52.9336, 0.3177, 0.3586
Android (android.graphics.Color)	4290168238 (0xFFB6C5AE)
YUV	189.8930, -7.8352, -6.9222
Hunter-Lab	72.7555, -12.2624, 11.9839

Details

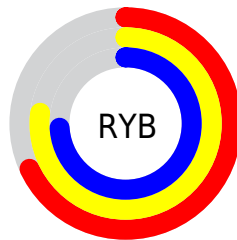
The XYZ color **46.8976, 52.9336, 47.7898** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.2025, 45.1236, 59.1008**, and the grayscale version is **48.9275, 51.4755, 56.0569**.

A 20% lighter version of the original color is **84.8446, 94.7179, 87.9393**, and **22.3886, 25.7172, 22.1963** is the 20% darker color. If you saturate the color by 10%, you get **42.2198, 50.7295, 38.2700**, and if you desaturate by 10%, it is **52.1385, 55.3985, 58.8086**.

Distribution



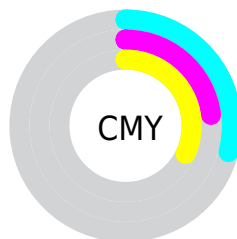
- Red (71%)
- Green (77%)
- Blue (68%)



- Red (68%)
- Yellow (77%)
- Blue (74%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (23%)



- Cyan (29%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.8976, 52.9336, 47.7898 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 46.8976, 52.9336, 47.7898 by changing the saturation by 10% instead.

■ 46.8976, 52.9336,
47.7898

■ 46.8976, 52.9336,
47.7898

365.0614,
398.0303, 394.4430

■ 33.1623, 37.7498,
33.3016

■ 84.7804, 94.5067,
88.2536

■ 22.4107, 25.7885,
22.0846

109.6587,
121.6647, 115.0664

■ 14.2772, 16.6655,
13.7202

138.9820,
153.5829, 146.8245

■ 8.3967, 9.9963,
7.7898

173.1156,
190.6456, 183.9464

■ 4.4038, 5.3965,
3.8749

212.4251,
233.2374, 226.8506

■ 1.9330, 2.4817,
1.5570

257.2756,

■ 0.5959, 0.8675,

281.7425, 275.9558

0.2598

308.0326,
336.5453, 331.6804

■ 0.0000, 0.0000,
0.0000

■ 46.8976, 52.9336,
47.7898

■ 46.8976, 52.9336,
47.7898

■ 42.2198, 50.7295,
38.2700

■ 52.1385, 55.3985,
58.8086

■ 38.0811, 48.7707,
30.1811

■ 57.9569, 58.1257,
71.3836

■ 34.4622, 47.0502,
23.4548

■ 64.3719, 61.1253,
85.5735

■ 31.3405, 45.5581,
18.0159

■ 71.4005, 64.4049,
101.4325

■ 28.6921, 44.2838,
13.7819

■ 76.1108, 66.7926,
103.4885

■ 26.4905, 43.2156,
10.6609

■ 79.2573, 68.4147,
103.6358

■ 24.7062, 42.3407,
8.5474

■ 23.3052, 41.6443,
7.3158

■ 22.3868, 41.1819,
6.7690

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.1223, 52.9336, 44.6809



46.8976, 52.9336, 47.7898



45.6126, 52.9336, 53.6698

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.8976, 52.9336, 47.7898



48.9073, 52.9336, 72.6836



55.3857, 52.9336, 54.2697

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46.8976, 52.9336, 47.7898



46.2025, 45.1236, 59.1008

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.3232, 52.9336, 61.7923



46.8976, 52.9336, 47.7898



51.5203, 52.9336, 72.8798

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



46.8976, 52.9336, 47.7898



46.7449, 52.9336, 68.2341



53.8878, 52.9336, 68.7488



54.0557, 52.9336, 48.1959

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.8976, 52.9336, 47.7898



45.4328, 52.9336, 58.5795



53.8878, 52.9336, 68.7488



55.5282, 52.9336, 56.7021

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46.8990, 52.9359, 47.7910



91.0455, 98.1203, 100.3667



48.8549, 51.3022, 47.3725



19.3304, 20.9280, 21.1501



0.0000, 0.0000, 0.0000



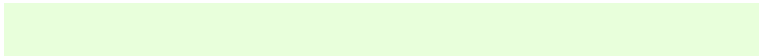
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.8990, 52.9359, 47.7910



81.7719, 93.7584, 81.0124



45.4042, 52.1259, 49.4998



10.8395, 12.0642, 11.3201



14.8060, 27.1281, 4.4559



0.7793, 1.3249, 0.2146

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46.2025, 45.1236, 59.1008



80.2791, 77.0207, 105.2431



47.8511, 46.0187, 57.1373



10.7113, 10.6249, 13.4038



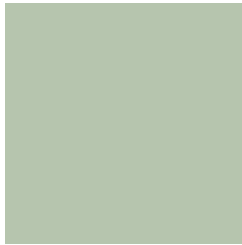
12.6260, 5.7432, 35.1874



0.6738, 0.3111, 1.6697

Previews

White Background



This preview shows how the XYZ color 46.8976, 52.9336, 47.7898 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 46.8976, 52.9336, 47.7898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

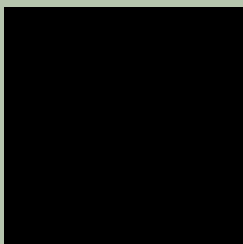
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

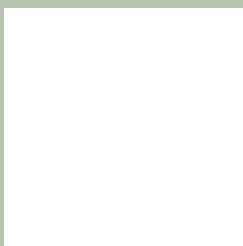
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.8976, 52.9336, 47.7898

Background



This preview shows how black text looks on a background with the XYZ color 46.8976, 52.9336, 47.7898.



This preview shows how white text looks on a background with the XYZ color 46.8976, 52.9336,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

46.8976, 52.9336, 47.7898

Protanopia

50.0197, 52.9189, 46.1061

Deuteranopia

53.8007, 52.5842, 48.3885



Tritanopia

50.6056, 52.7691, 66.5497

Trichromacy



Original Color

46.8976, 52.9336, 47.7898

Protanomaly

48.7305, 52.8996, 46.6720

Deuteranomaly

50.8373, 52.3277, 47.9783

Tritanomaly

49.1497, 52.8380, 59.2380

Monochromacy



Original Color

46.8976, 52.9336, 47.7898

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.2152, 52.1654, 52.8751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8976, 52.9336, 47.7898 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(182, 197, 174)` looks like.

```
.text, #text, p{  
    color:rgb(182, 197, 174)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(182, 197, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 197, 174) }
```

Border

The CSS property to change the border of an element to XYZ 46.8976, 52.9336, 47.7898 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 197, 174) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(182, 197, 174) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(182, 197, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 197, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 197, 174);  
box-shadow:4px 4px 4px 4px rgb(182, 197,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8976, 52.9336, 47.7898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 197, 174) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(182,  
197, 174) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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